

REMARKS

Entry of the foregoing amendments, and reexamination and reconsideration of the subject application, pursuant to and consistent with 37 C.F.R. § 1.104 and § 1.112, and in light of the following remarks, are respectfully requested.

Amendments

As presented above, claim 1 has been amended to recite a particular article of manufacture as opposed to the composition *per se*; other than claims 2 and 5 being cancelled and claims 13 and 15-17 being withdrawn, the claims dependent on claim 1, including new claims 18 and 19, recite the claimed device as an electromagnetic interference suppressor having a thin film structure.

An abstract is provided on a separate page above.

The title of the invention has been changed as requested.

The specification has been amended. The two ratios in Comparative Example 1 was due to one not having been deleted. Miscalculation repeated in Examples 1 and 2 is also corrected by this amendment. The saturation magnetization ratios are corrected by this amendment.

The bwr ranges in new claims 18 and 19 are supported by the values shown for Example 1 (Table 1) and Example 6 (Table 7).

Objections and Rejections under 35 USC 112

The objection to claim 4 is not understood. The Preliminary Amendment deleted the original multiple dependency by stating "2 [or 3]", so those are the only brackets that should have been visible in any version of the claim. Clarification is requested.

The rejection of claims 2, 3, 5, 6, and 10-12 is believed obviated by the present amendments, namely the cancellation of claims 2 and 5 and the presentation of new claims 18 and 19 with certain bwr ranges shown in the examples.

Likewise, claims 3 and 6 have been amended to replace X with M, which is clearly the relevant basis as the invention is described in the specification.

Clarification of the rejection of claims 3 and 6 under the second paragraph of 35 USC 112 is requested if the rejection is maintained in light of the present amendments.

The amendment to claim 12 reciting generically an Fe-Si-O material is believed to obviate the 112[2] rejection of this claim; otherwise, clarification is requested.

Prior Art Rejection

All of the claims presently under examination stand rejected as anticipated by Han *et al.*, which rejection is respectfully traversed in light of the present amendments.

As recited in claim 1, these inventors have found that the M-X-Y composition recited has a maximum complex permeability in a frequency range of 0.1-10 GHz. Using various tests, these inventors decided and confirmed that such a material, for example, as a thin film (63 in Fig. 6), is useful for suppressing noise.


While the Office is correct that Han *et al.* seem to provide the same material as originally claimed in this application, they do not discuss particular applications of the material produced as now recited by Applicants; namely, an electromagnetic interference suppressor. Further, the reference does not appreciate the claimed μ''_{\max} frequency range recited in the claims for this thin film

noise suppression device (compare the range shown in Fig. 7 of the reference with the range presently claimed). Without appreciation for the claimed μ_{max} frequency range, a thin film electromagnetic interference suppression device, not being disclosed in the reference, would not have been obvious therefrom. Therefore, claim 1 is neither anticipated nor obvious from the Han *et al.* reference, and the claims dependent on claim 1 are likewise patentable. Withdrawal of this rejection is now believed to be warranted.

Conclusion

In light of the foregoing amendments and remarks, withdrawal of all of the rejections, and further and favorable action, in the form of a Notice of Allowance, is believed to be next in order, and such actions are earnestly solicited.

Respectfully submitted,



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